

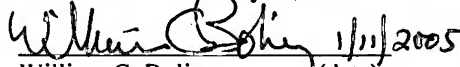
MORGAL-11-CIP

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard Morgal  
App. No.: 10/821,593  
Filed: April 9, 2004  
For: METHOD AND APPARATUS FOR  
SOLAR ENERGY COLLECTION  
Group Art: 3749  
Examiner: Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 11, 2005.

  
William C. Boling (date)

INFORMATION DISCLOSURE STATEMENT**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Washington, DC 22313-1450

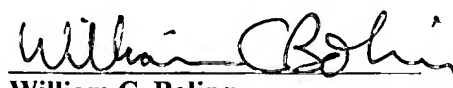
Dear Sir,

Pursuant to 37 C.F.R. §1.56, information relating to the subject application is hereby disclosed in accordance with 37 C.F.R. §§1.97-1.98. Inclusion of information in this statement is not an admission that such information is material as that term is defined in 37 C.F.R. §1.56(b). No additional fee is due because this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the subject application, in accordance with §1.97(b).

Copies are attached of each foreign patent, published application, and/or non-patent document that is listed in the attached Form 1449 (modified). Concise statements of relevance: "Das solar marine-Kraftwerk" by Laing, N., Eurosolar 2/1992, shows a single axis solar azimuth tracking system assembly having fresnel lenses to focus light onto a photovoltaic (PV) cell in a target area of a trough below the lenses. The PV cells within the assembly are cooled by thermal conduction to a pool of liquid upon which the assembly floats. German patent application DE 101 50 176 A1 to LAING, N., et al., published April 17, 2003 (subsequent to all priority documents of the subject application), is similar, except that thermal conduction from PV cells to a liquid pool is maintained during some rotation of the assembly, permitting two-axis (azimuth and elevation) solar tracking of the assembly.

Respectfully submitted,

1/11/2005  
Date (January 11, 2005)

  
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FORM PTO-1449 (modified) U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
**INFORMATION DISCLOSURE STATEMENT**  
BY APPLICANT

ATTY. DOCKET NO.  
**MORGAL-11-CIP**

APPLICATION NO.  
**10/821,593**

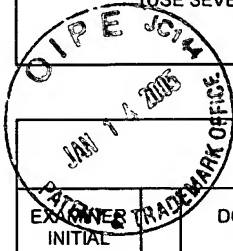
APPLICANT  
**Richard Morgal**

Mailed: January 11, 2005

FILING DATE  
**April 09, 2004**

GROUP  
**3749**

(USE SEVERAL SHEETS IF NECESSARY)



### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	4,771,764	9/20/1988	Cluff	126	440
	2	5,772,791	6/30/1998	Laing	136	246
	3	5,665,174	9/9/1997	Laing et al.	136	246
	4	5,286,305	2/15/1994	Laing et al.	136	246
	5	5,445,177	9/29/1995	Laing et al.	136	246
	6	4,786,795	11/22/1988	Kurashima et al.	250	203.4
	7	4,289,112	9/15/1981	Roseen	126	415
	8	4,315,500	2/16/1982	Gonder	126	425
	9	6,220,241	4/24/2001	Yeomans	126	565
	10	4,114,596	9/19/1978	Chang et al.	126	270
	11	4,361,717	11/30/1982	Gilmore et al.	136	246
	12	4,360,004	11/23/1982	Testolini	126	415
	13	4,235,221	11/25/1980	Murphy	126	415
	14	4,148,301	4/10/1979	Cluff	126	271
	15	6,020,553	2/1/2000	Yogev	136	246
	16	6,051,776	4/18/2000	Kimata Ryuichi et al.	136	246
	17	4,166,917	4/9/1979	Dorfeld et al.	136	259
	18	6,225,551	5/01/2001	Lewandowski et al.	136	246
	19	4,238,246	12/9/1980	Pierre Genequand, Virgil Stark	136	248
	20	5,442,178	8/15/1995	Baldwin	250	353
	21	4,848,319	7/18/1989	Appeldorn	126	440
	22	6,075,200	6/13/2000	O'Neil	136	246
	23	5,877,499	3/2/1999	Baldwin	250	353
	24	4,717,821	1/5/1988	Messiou	250	221
	25	6,031,179	2/29/2000	O'Neil	136	246
	26	4,204,881	5/27/1980	McGrew	136	89
	27	4,496,787	1/29/1985	Touchais et al.	136	248

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT</b> BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. <b>MORGAL-11-CIP</b>	APPLICATION NO. <b>10/821,593</b>
	APPLICANT <b>Richard Morgal</b>	
	Mailed: <b>January 11, 2005</b>	
	FILING DATE <b>April 09, 2004</b>	GROUP <b>3749</b>

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	28	4,069,812	1/24/1978	O'Neil	136	246	
	29	4,312,330	1/26/1982	Holdridge	126	440	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	AU 723 841 B	9/7/2000	LAING			
	2	WO 2003/034506 A2	4/24/2003	LAING, et al.			
	3	DE 101 50 176 A1	10/12/2001	LAING, et al.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	1	"Das solar marine-Kraftwerk" by Laing, N., <u>Eurosolar</u> (magazine) February 1992 pgs 18-19

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	